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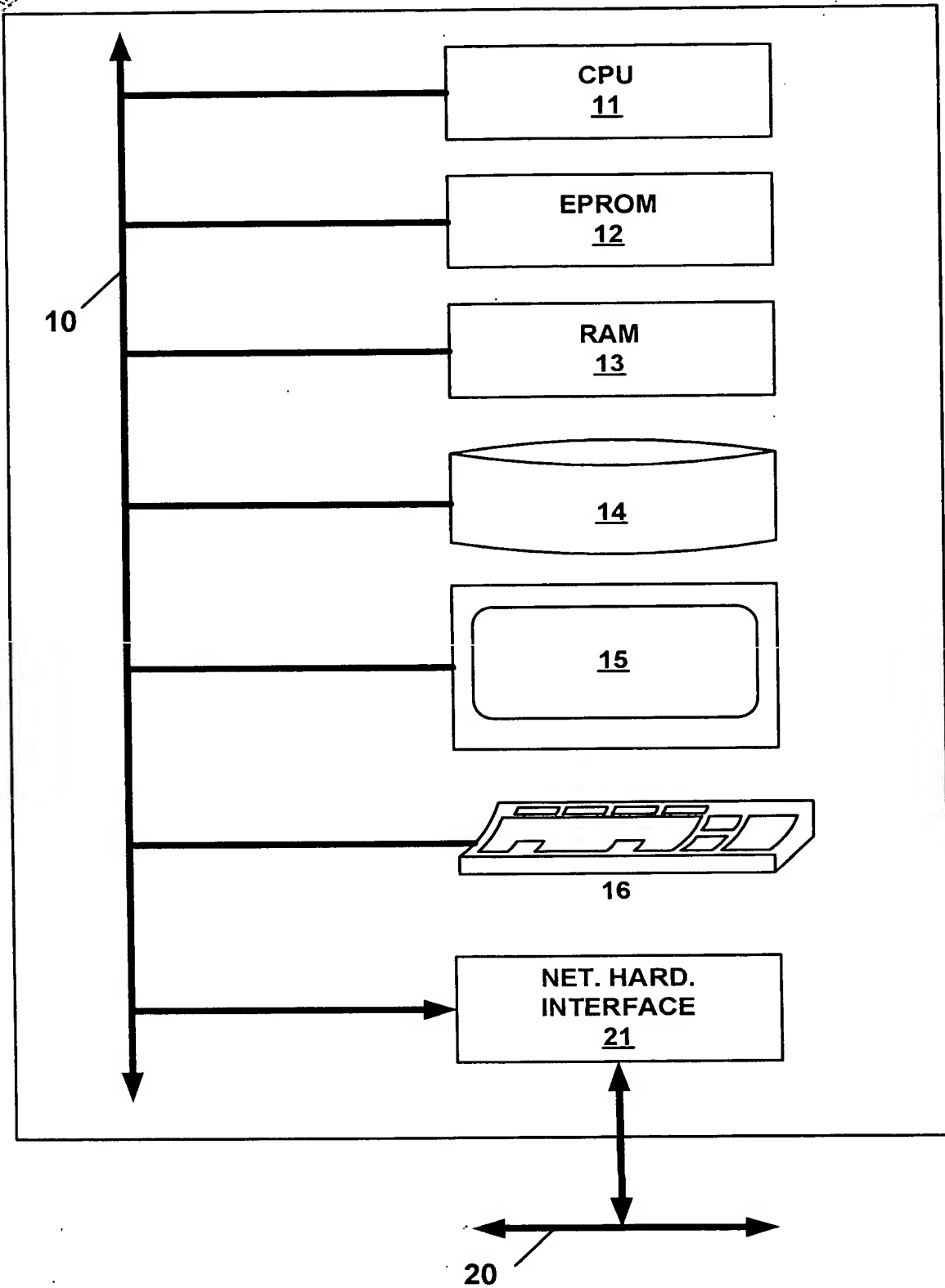


FIGURE 1



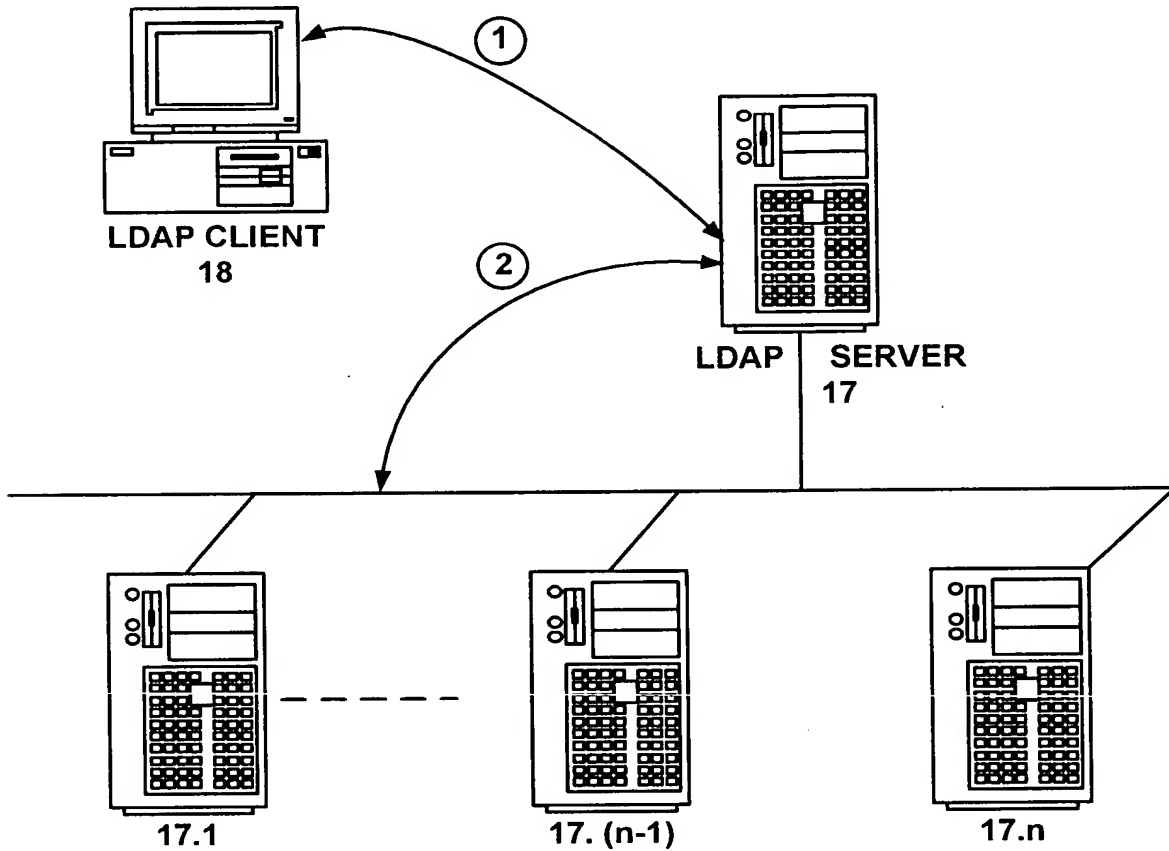
TITLE: INDEXING VIRTUAL ATTRIBUTES IN A DIRECTORY SERVER SYSTEM

Inventor(s): Karine Excoffier, Robert Byrn and Gilles Bellaton

USSN: 10/616,081

Attorney Docket #: SUN-P7646

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**FIGURE 2**



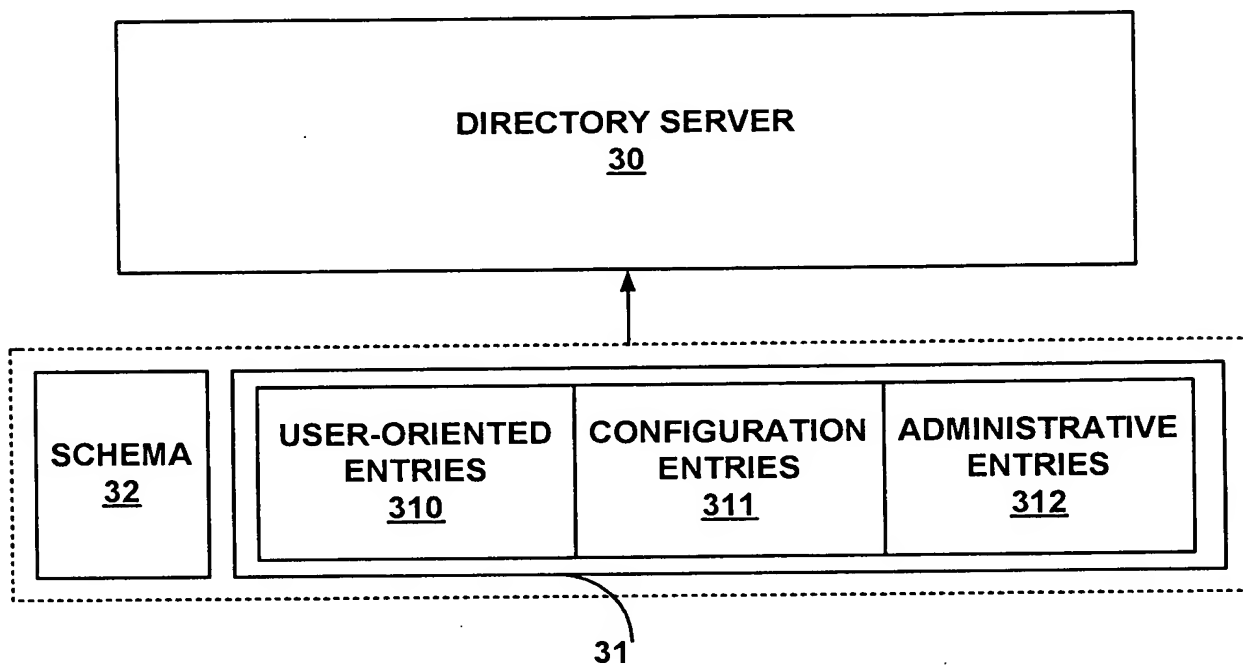
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**FIGURE 3**



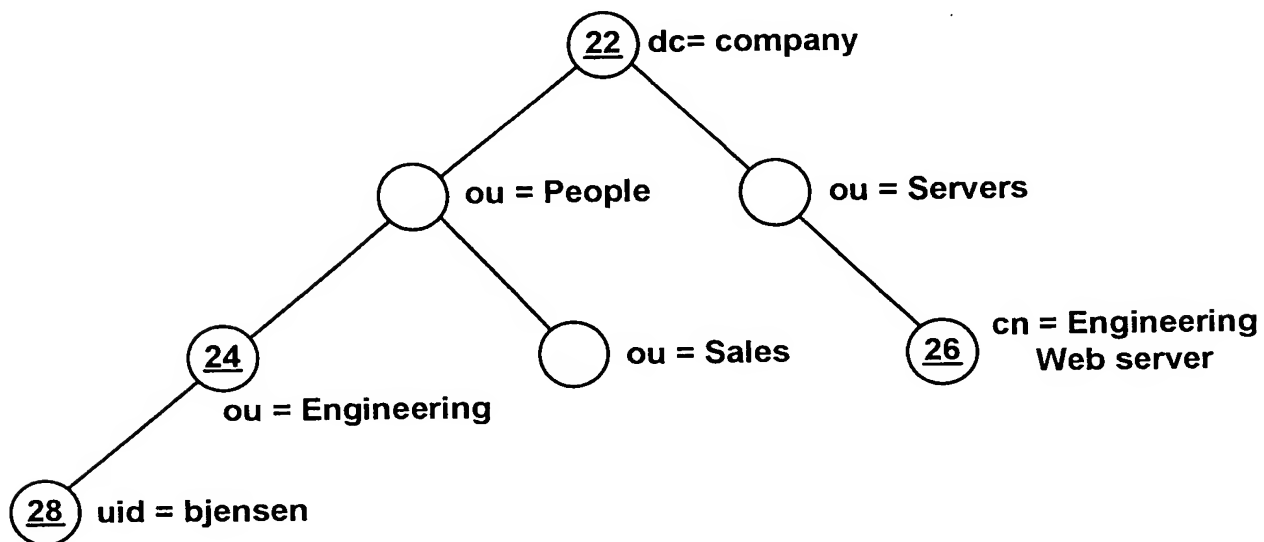
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**FIGURE 4**



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ENTRY  
404

ATTRIBUTE TYPE  
400

ATTRIBUTE VALUE  
402

dn :	uid=Joe, ou=people, dc=france, dc=sun, dc=com
objectClass :	top
objectClass :	person
objectClass :	organizationlPerson
objectClass :	inetOrgPerson
cn :	Joe
sn :	Rayan
uid :	joerayan
mail :	joerayan@sun.com
phoneNumber :	778

**FIGURE 5**  
**(PRIOR ART)**



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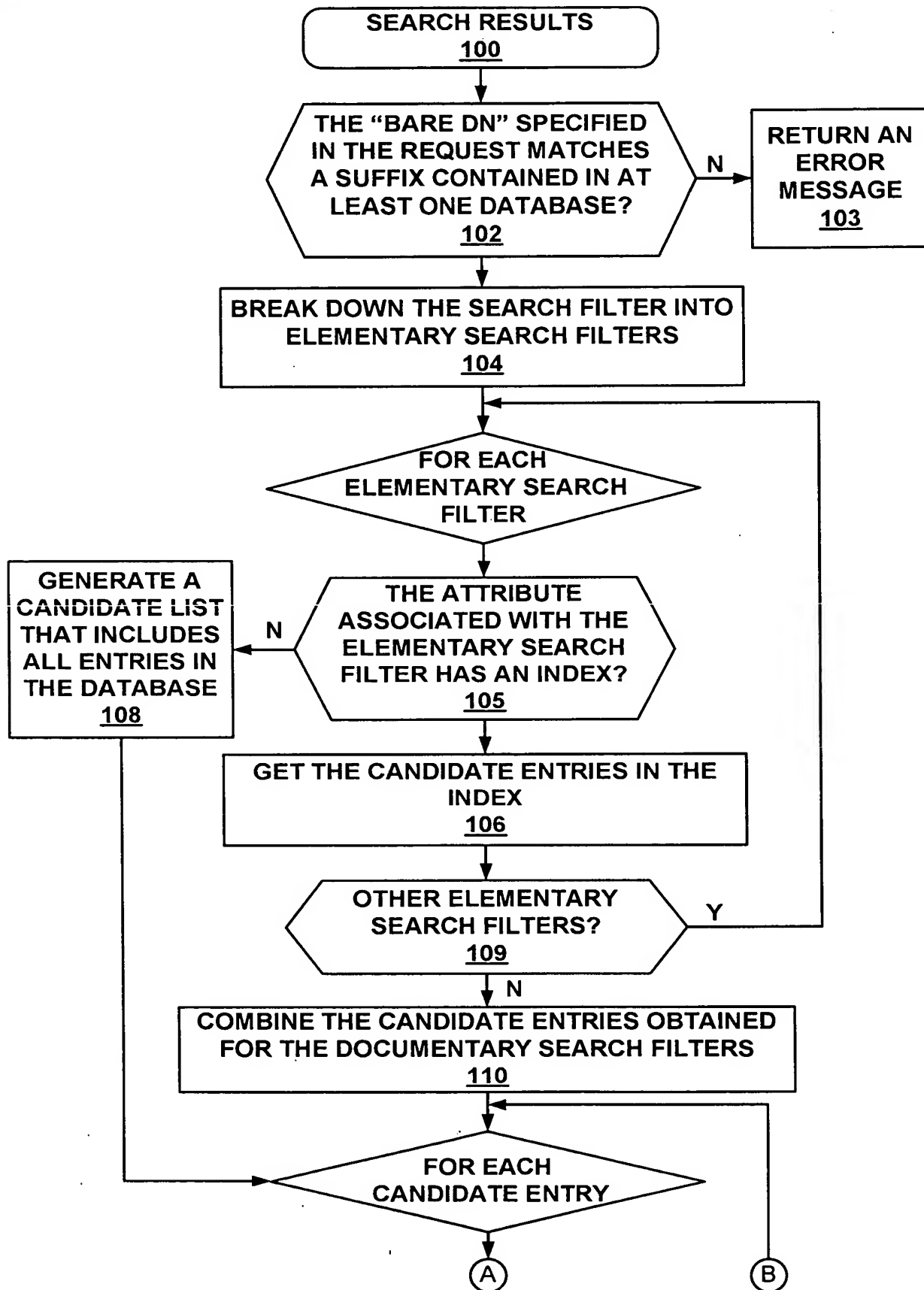


FIGURE 6



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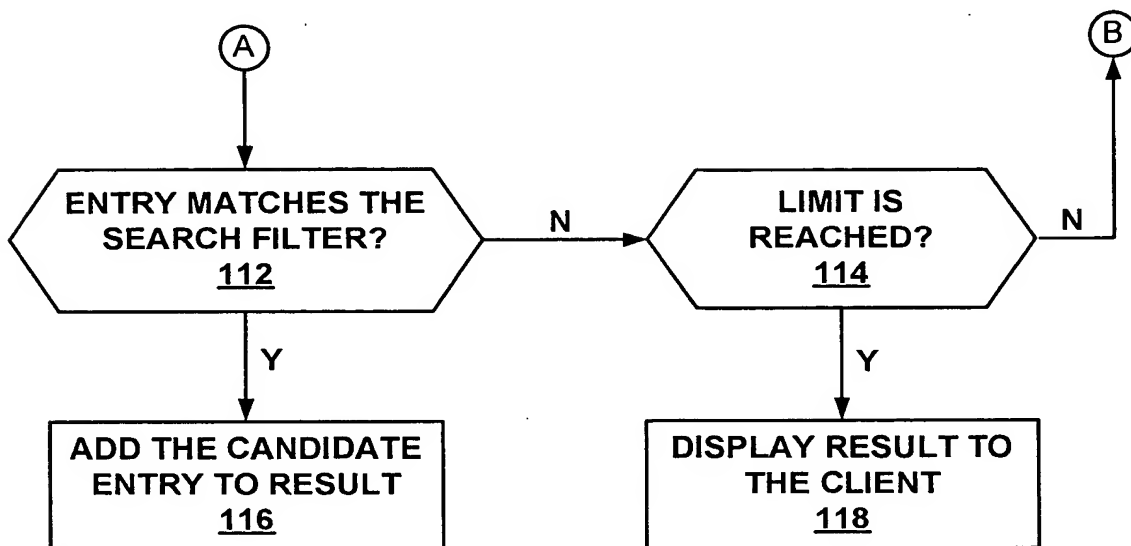


FIGURE 6 (CONT.)





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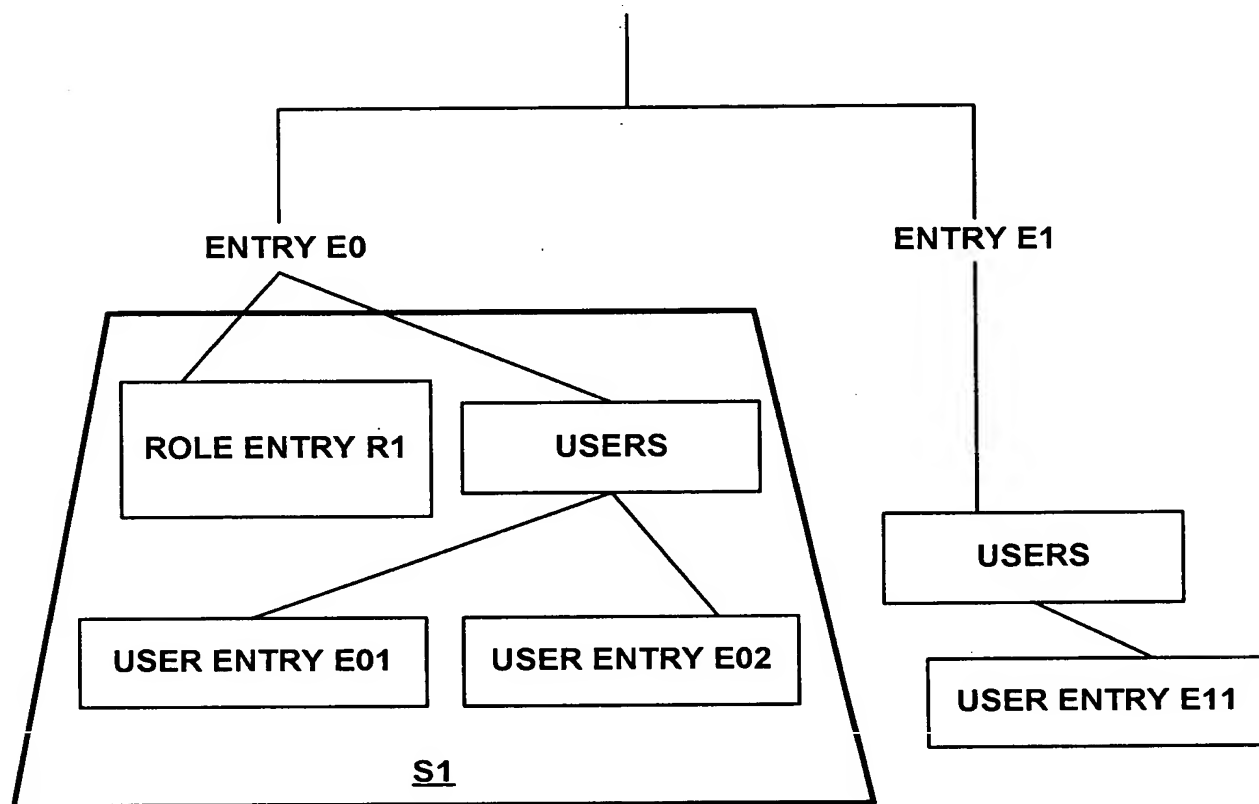


FIGURE 7



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<b>ROLE TYPE</b>	<b>OBJECT CLASSES</b> <b><u>81</u></b>	<b>ATTRIBUTES</b> <b><u>82</u></b>
<b>MANAGED ROLE</b> <b><u>801</u></b>	nsSimpleRoleDefinition nsManagedRoleDefinition	description (optional)
<b>FILTERED ROLE</b> <b><u>802</u></b>	nsComplexRoleDefinition nsFilteredRoleDefinition	NsRoleDN description (optional)
<b>NESTED ROLE</b> <b><u>803</u></b>	nsComplexRoleDefinition nsNestedRoleDefinition	NsRoleDN description (optional)

**FIGURE 8**



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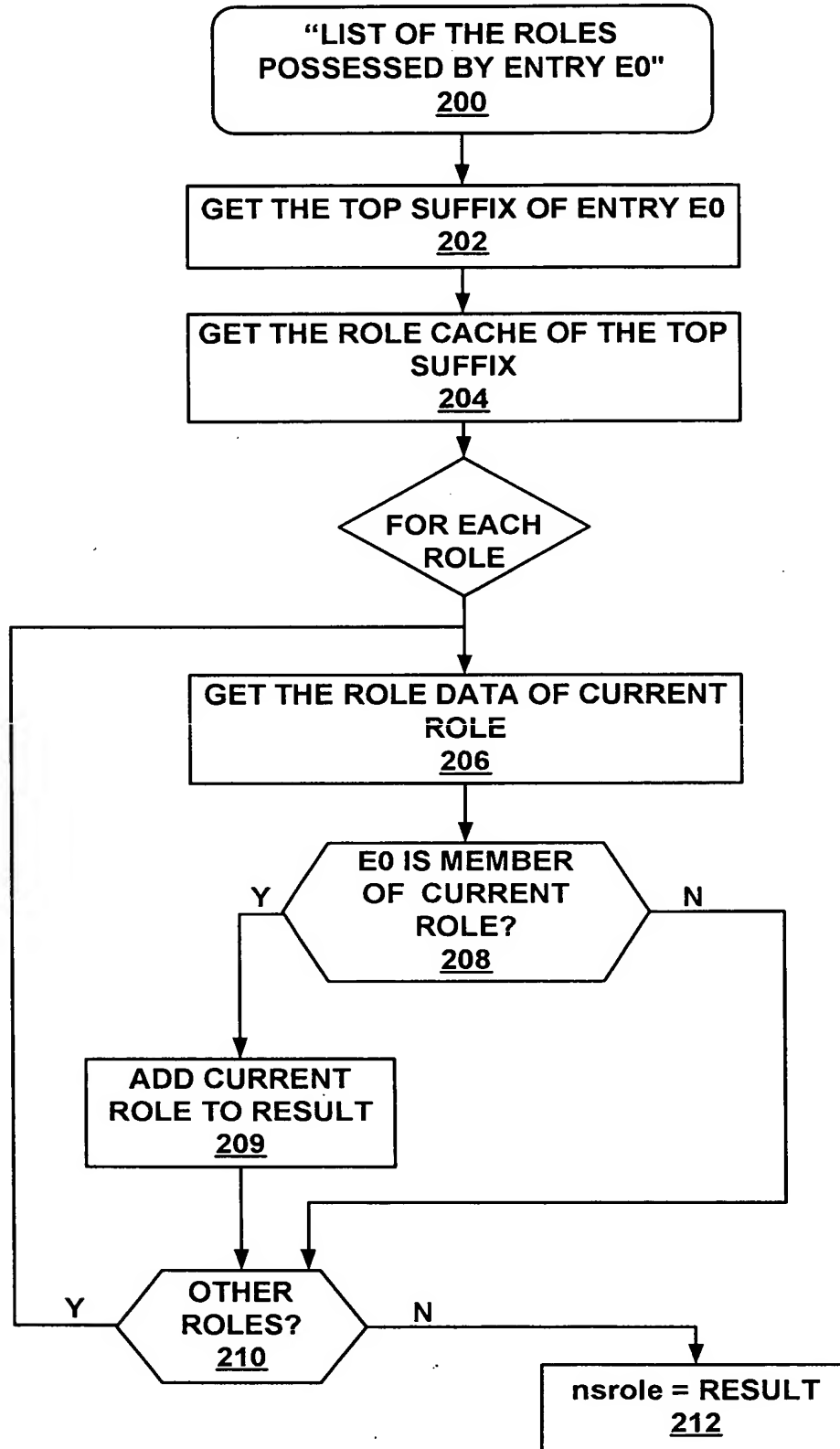


FIGURE 9A



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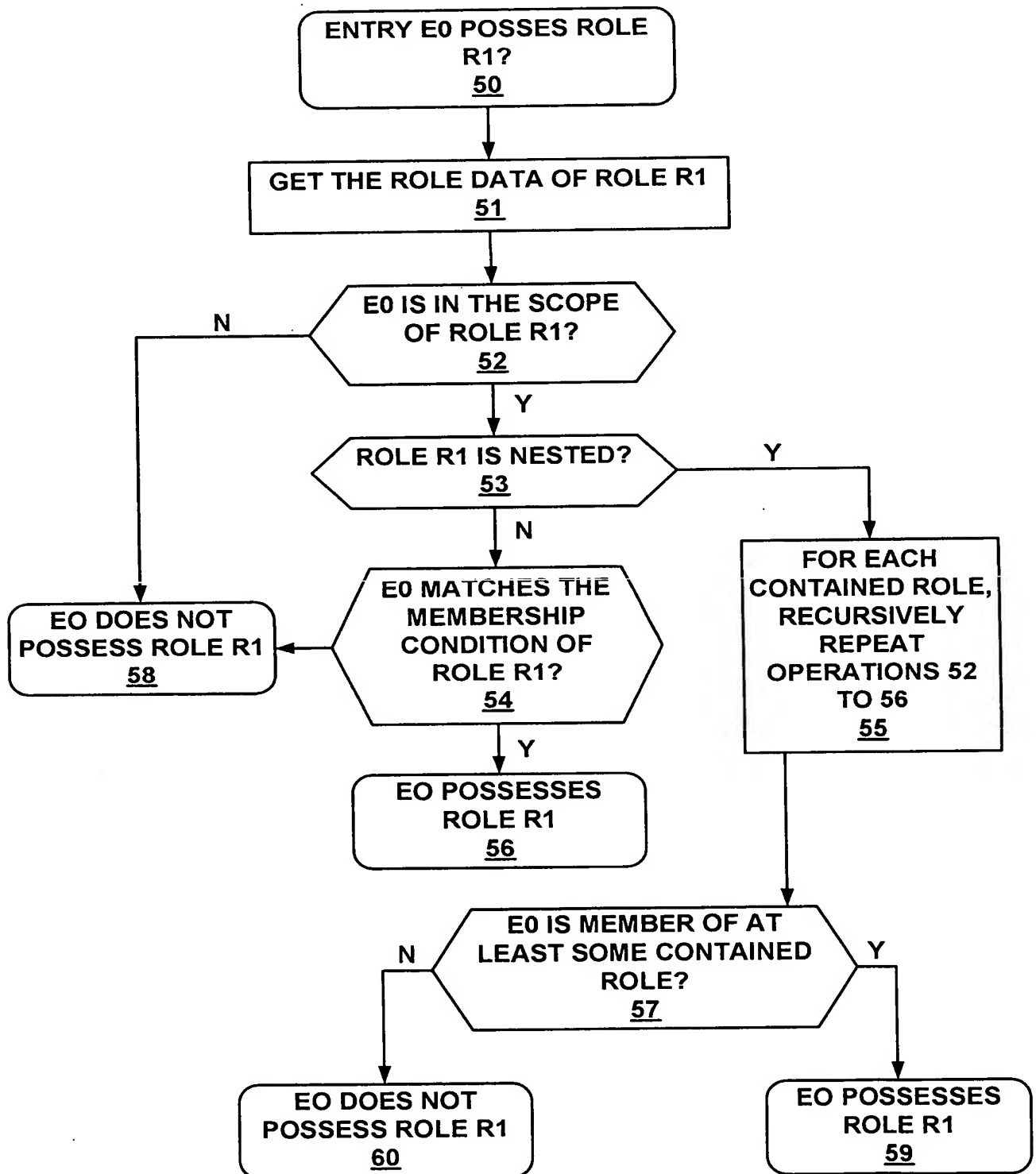


FIGURE 9B



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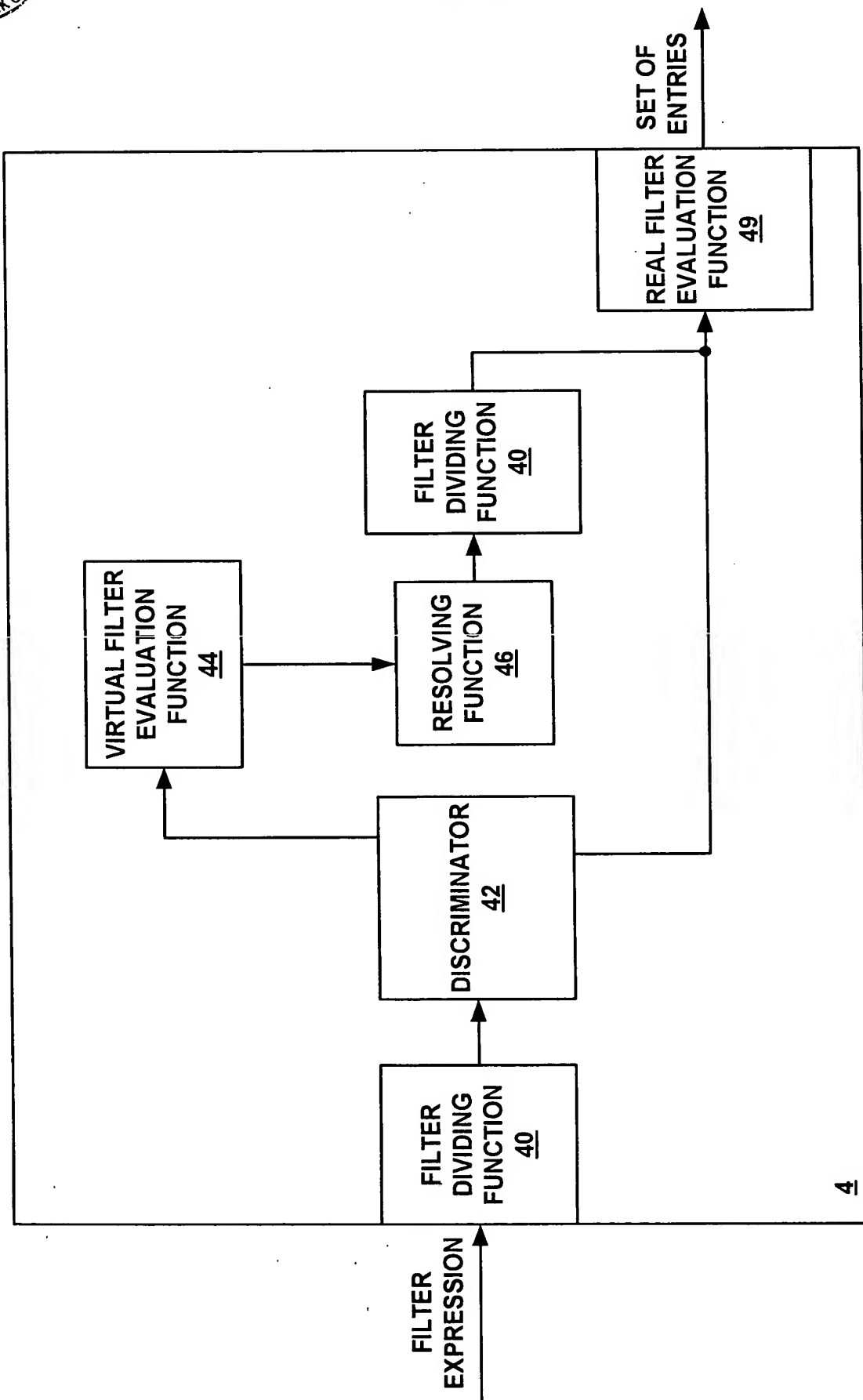


FIGURE 10A



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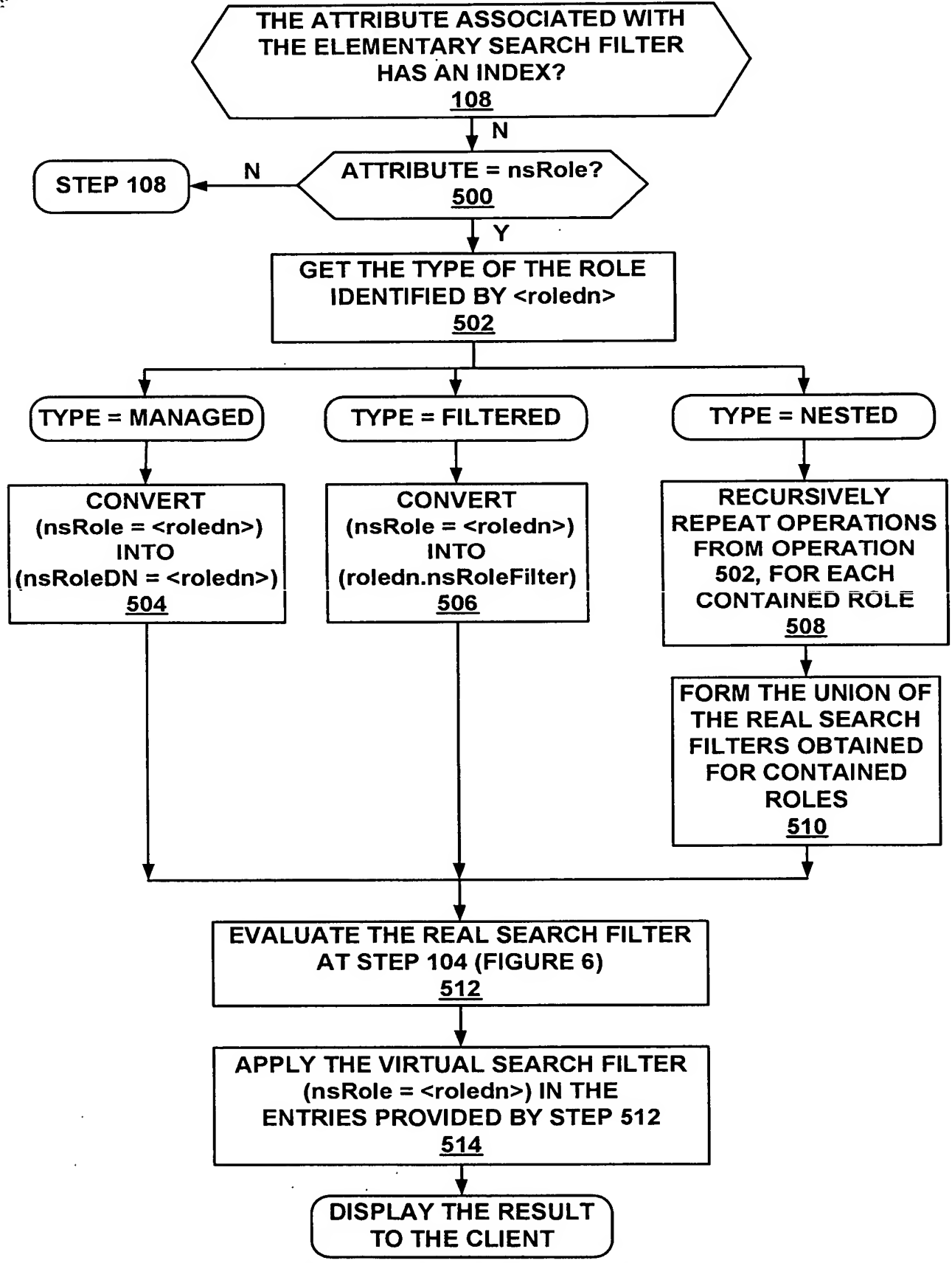


FIGURE 10B

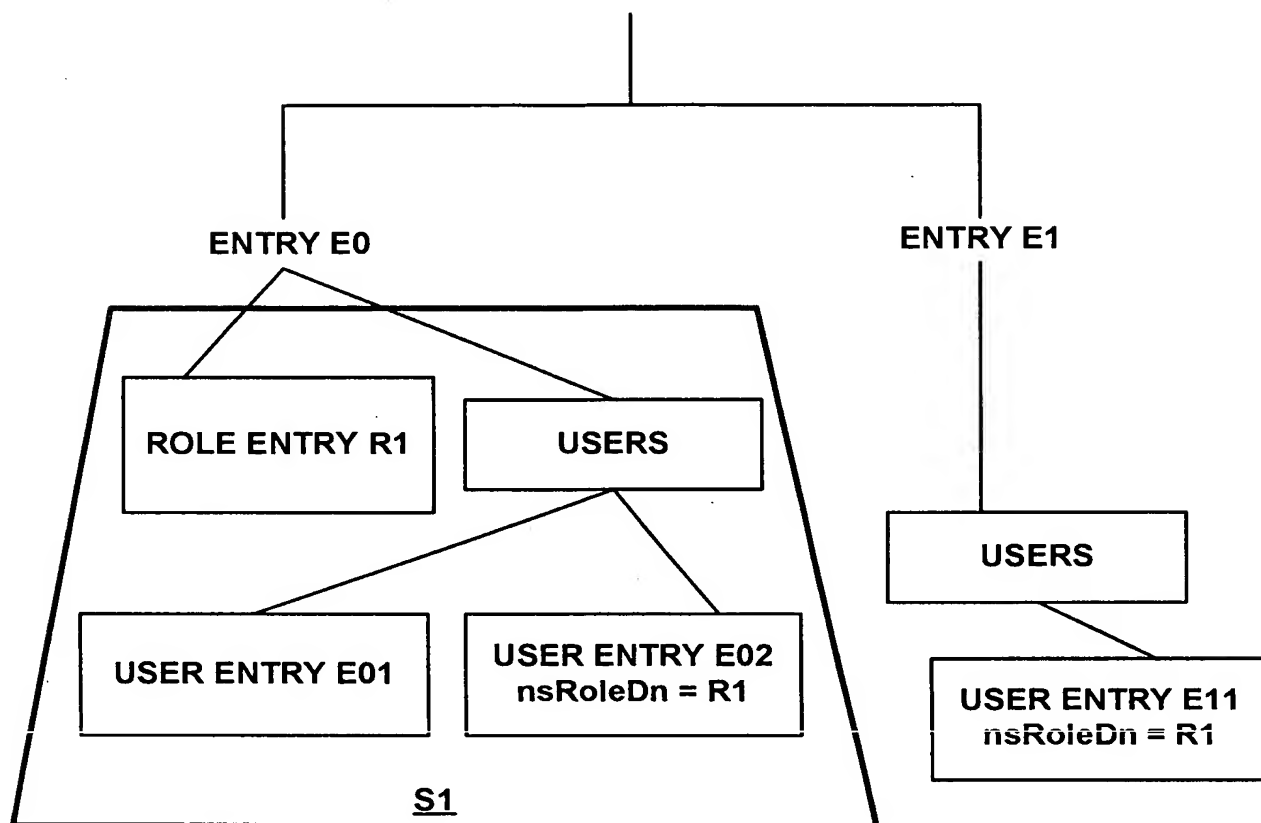


FIGURE 11